



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 1 of 32

Applicant : Shenzhen RND Electronics Co. Ltd.
Address : RM502, Rongxinxing Creative Park, Liuxian Road 2, Bao'an 71st District,
Shenzhen City, China

Report on the submitted samples said to be:

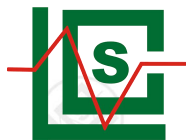
Sample Name : Electric scooter
Trade Mark : N/A
Style No. : G16, S4, G3, M10, F35
Testing Period : July 15, 2021 ~ July 27, 2021
Results : Please refer to next page(s).

TEST REQUEST	CONCLUSION
According to the customer's request, based on the performed tests on submitted sample, the result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, Dibutyl Phthalate(DBP), Butylbenzyl Phthalate(BBP), Bis(2-ethylhexyl) Phthalate(DEHP), Diisobutyl phthalate(DIBP) content comply with the limit requirement as set of RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.	Pass

Signed for and on behalf of LCS



Young/Manager



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

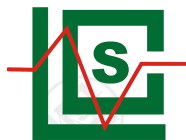
Page 2 of 32

Results:

A.EU RoHS Directive 2011/65/EU and its amendment directives

Test method: With reference to IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF)

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^{VI}	Br ^{VI}		
						PBBs	PBDEs	
1	Silver metal plate with black coating	BL	BL	BL	X	/	/	2021-07-15
2	Black printed white label with adhesive	BL	BL	BL	BL	BL	BL	2021-07-15
3	Black metal screws	BL	BL	BL	BL	/	/	2021-07-15
4	Black plastic shell	BL	BL	BL	BL	BL	BL	2021-07-15
5	Black metal screws	BL	BL	BL	X	/	/	2021-07-15
6	Gray soft plastic pad	BL	BL	BL	BL	BL	BL	2021-07-15
7	Silver metal screws	OL	OL	BL	X	/	/	2021-07-15
8	Green plastic case	BL	BL	BL	BL	BL	BL	2021-07-15
9	Silver metal shell	BL	BL	BL	BL	/	/	2021-07-15
10	Black soft plastic pad	BL	BL	BL	BL	BL	BL	2021-07-15
11	Silver metal pins	BL	BL	BL	BL	/	/	2021-07-15
13	Bright silver metal film	BL	BL	BL	BL	/	/	2021-07-15
14	Silver gray metal film	BL	BL	BL	BL	/	/	2021-07-15
15	Beige plastic socket shell	BL	BL	BL	BL	X	X	2021-07-15
16	Silver metal pin	BL	BL	BL	BL	/	/	2021-07-15
18	Yellow plastic port shell	BL	BL	BL	BL	X	X	2021-07-15
21	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
22	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
23	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
24	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
25	Brown body	BL	BL	BL	BL	BL	BL	2021-07-15



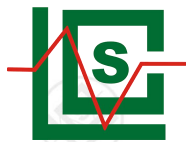
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 3 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^Ⅵ	Br ^Ⅱ		
						PBBs	PBDEs	
26	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
27	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
28	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
29	Black core	OL	BL	BL	BL	/	/	2021-07-15
30	Copper-colored metal wire	BL	BL	BL	BL	/	/	2021-07-15
31	Black printed silver metal body	BL	BL	BL	BL	/	/	2021-07-15
32	Black plastic pad	BL	BL	BL	BL	BL	BL	2021-07-15
34	Green PCB board	BL	BL	BL	BL	BL	BL	2021-07-15
35	Black plastic cover	BL	BL	BL	BL	BL	BL	2021-07-15
36	Black soft plastic plug	BL	BL	BL	BL	BL	BL	2021-07-15
37	Black plastic port shell	BL	BL	BL	BL	BL	BL	2021-07-15
38	Solder	BL	X	BL	BL	/	/	2021-07-15
39	Red plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
40	Silver metal pin	BL	BL	BL	BL	/	/	2021-07-15
41	Silver metal wire	BL	BL	BL	BL	/	/	2021-07-15
42	Silver metal pins	OL	OL	BL	BL	/	/	2021-07-15
43	Black plastic sleeve	BL	BL	BL	BL	BL	BL	2021-07-15
44	Black plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
46	Silver metal line card	BL	BL	BL	BL	/	/	2021-07-15
47	Red plastic plug shell	BL	BL	BL	BL	BL	BL	2021-07-15
48	Red plastic cover	BL	BL	BL	BL	BL	BL	2021-07-15
49	Black plastic cover	BL	BL	BL	BL	BL	BL	2021-07-15
50	Black soft plastic with viscose	BL	BL	BL	BL	BL	BL	2021-07-15



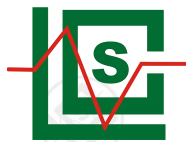
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 4 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^Ⅵ	Br ^Ⅶ		
						PBBs	PBDEs	
51	White body (LED)	BL	BL	BL	BL	BL	BL	2021-07-15
52	Solder	BL	BL	BL	BL	/	/	2021-07-15
53	White PCB board	BL	BL	BL	BL	X	X	2021-07-15
54	Black soft plastic fixture	BL	BL	BL	BL	BL	BL	2021-07-15
55	Black metal screw	BL	BL	BL	BL	/	/	2021-07-15
56	White plastic plug shell	BL	BL	BL	BL	BL	BL	2021-07-15
57	Silver metal line card	BL	BL	BL	BL	/	/	2021-07-15
58	Black plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
59	Silver aluminum foil	BL	BL	BL	BL	/	/	2021-07-15
60	Red plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
61	Copper-colored metal wire	BL	OL	BL	BL	/	/	2021-07-15
62	Black plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
63	Black soft plastic fixture	BL	BL	BL	BL	BL	BL	2021-07-15
64	Black soft plastic fixture	BL	BL	BL	BL	BL	BL	2021-07-15
65	Black plastic fixing frame	BL	BL	BL	BL	BL	BL	2021-07-15
66	Black soft plastic pad with glue	BL	BL	BL	BL	BL	BL	2021-07-15
67	Silver metal nut	BL	BL	BL	X	/	/	2021-07-15
68	Black soft plastic pad	BL	BL	BL	BL	BL	BL	2021-07-15
70	Black plastic shell	BL	BL	BL	BL	BL	BL	2021-07-15
71	Black plastic sheet	BL	BL	BL	BL	BL	BL	2021-07-15
72	Transparent plastic sheet with black coating	BL	BL	BL	BL	BL	BL	2021-07-15
73	Black plastic shell	BL	BL	BL	BL	BL	BL	2021-07-15
74	Silver metal shell	BL	BL	BL	BL	/	/	2021-07-15
75	Black body (L1)	BL	BL	BL	BL	BL	BL	2021-07-15



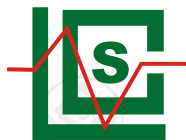
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 5 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^{VI}	Br ^{VI}		
						PBBs	PBDEs	
76	Black body (R11)	BL	BL	BL	BL	BL	BL	2021-07-15
77	Brown body (C11)	BL	BL	BL	BL	BL	BL	2021-07-15
78	Silver crystal	BL	X	BL	X	/	/	2021-07-15
79	Black body	BL	BL	BL	BL	BL	BL	2021-07-15
80	White plastic plug shell	BL	BL	BL	BL	BL	BL	2021-07-15
81	Silver metal pin	OL	OL	BL	X	/	/	2021-07-15
83	Green PCB board	BL	BL	BL	BL	X	X	2021-07-15
84	Silver metal pins	BL	BL	BL	BL	/	/	2021-07-15
85	Black/white label with adhesive	BL	BL	BL	BL	BL	BL	2021-07-15
86	White plastic shell	BL	BL	BL	BL	BL	BL	2021-07-15
87	Black plastic board	BL	BL	BL	BL	X	X	2021-07-15
88	Black body (U2)	BL	BL	BL	BL	BL	BL	2021-07-15
89	Black body (U3)	BL	BL	BL	BL	BL	BL	2021-07-15
90	White body (C2)	BL	BL	BL	BL	BL	BL	2021-07-15
91	Black body (R1)	BL	BL	BL	BL	BL	BL	2021-07-15
92	Brown body (C8)	BL	BL	BL	BL	BL	BL	2021-07-15
93	Solder	BL	OL	BL	BL	/	/	2021-07-15
94	Black PCB board	BL	BL	BL	BL	BL	BL	2021-07-15
95	Black plastic thread (outer)	BL	BL	BL	BL	BL	BL	2021-07-15
96	White dry glue	BL	BL	BL	BL	BL	BL	2021-07-15
97	Red plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
98	Black plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
99	Yellow plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
100	Green plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
101	Blue plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
102	Black plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
103	Black soft plastic sleeve	BL	BL	BL	BL	BL	BL	2021-07-15



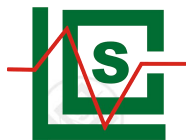
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 6 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^Ⅵ	Br ^Ⅴ		
						PBBs	PBDEs	
104	Copper-colored metal wire	BL	OL	BL	BL	/	/	2021-07-15
105	Transparent plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
106	Red plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
107	Pink plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
108	Green plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
109	Yellow plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
110	Light blue plastic thread skin	BL	BL	BL	BL	BL	BL	2021-07-15
111	White plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
112	White plastic plug shell	BL	BL	BL	BL	BL	BL	2021-07-15
113	White dry glue	BL	BL	BL	BL	BL	BL	2021-07-15
114	Green plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
115	Black plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
116	Red plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
117	Silver metal line card	OL	OL	BL	X	/	/	2021-07-15
118	Black soft plastic sleeve	BL	BL	BL	BL	BL	BL	2021-07-15
119	Silver metal with black coating	BL	BL	BL	BL	/	/	2021-07-15
120	Silver metal tube with black coating	BL	BL	BL	BL	/	/	2021-07-15
121	Silver metal ring	BL	BL	BL	BL	/	/	2021-07-15
122	Black plastic shell	BL	BL	BL	BL	BL	BL	2021-07-15
123	Black soft plastic buttons	BL	BL	BL	BL	BL	BL	2021-07-15
125	Silver metal spring	OL	BL	BL	BL	/	/	2021-07-15
126	Green PCB board	BL	BL	BL	BL	X	X	2021-07-15
127	Black plastic base (switch)	BL	BL	BL	BL	BL	BL	2021-07-15
128	Silver metal pin (switch)	OL	OL	BL	X	/	/	2021-07-15
129	Black soft plastic pad (switch)	BL	BL	BL	BL	BL	BL	2021-07-15
130	Red plastic button (switch)	BL	BL	BL	BL	X	X	2021-07-15
131	Silver metal shell (switch)	BL	BL	BL	X	/	/	2021-07-15
132	Silver metal sheet (switch)	OL	BL	BL	X	/	/	2021-07-15



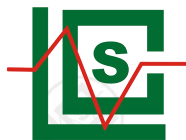
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 7 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^{VI}	Br ⁺		
						PBBs	PBDEs	
133	Yellow plastic tape (switch)	BL	BL	BL	BL	BL	BL	2021-07-15
134	Silver metal with black coating	OL	OL	BL	X	/	/	2021-07-15
135	Silver metal nut with black coating	OL	OL	BL	X	/	/	2021-07-15
136	Silver metal with black coating	BL	BL	BL	X	/	/	2021-07-15
137	Ferrous metal spring	OL	OL	BL	X	/	/	2021-07-15
138	Silver metal rod with black coating	OL	OL	BL	X	/	/	2021-07-15
139	Black plastic rod	BL	BL	BL	BL	BL	BL	2021-07-15
140	Silver metal spring	BL	OL	BL	X	/	/	2021-07-15
141	Black metal nut	BL	BL	BL	X	/	/	2021-07-15
142	Copper-colored metal with black coating	BL	OL	BL	X	/	/	2021-07-15
143	Silver metal spring	BL	BL	BL	BL	/	/	2021-07-15
144	Silver metal sheet (switch)	OL	X	BL	X	/	/	2021-07-15
145	Silver metal block	BL	BL	BL	BL	/	/	2021-07-15
146	Silver tinsel	OL	BL	BL	BL	/	/	2021-07-15
147	Black plastic sleeve	BL	BL	BL	BL	BL	BL	2021-07-15
148	Silver metal tube	OL	X	BL	BL	/	/	2021-07-15
149	Transparent plastic tube	BL	BL	BL	BL	BL	BL	2021-07-15
150	Red plastic film with viscose	OL	BL	BL	BL	BL	BL	2021-07-15
151	Black plastic nut	BL	BL	BL	BL	BL	BL	2021-07-15
152	Golden metal tube	BL	BL	BL	BL	/	/	2021-07-15
154	Black plastic tire (inner)	BL	BL	BL	BL	BL	BL	2021-07-15
155	Black plastic tire (outside)	BL	BL	BL	BL	BL	BL	2021-07-15
156	Black printed yellow label with adhesive	BL	BL	BL	BL	BL	BL	2021-07-15
157	Silver metal block with black coating	BL	BL	BL	BL	/	/	2021-07-15
158	Silver metal nails	OL	BL	BL	X	/	/	2021-07-15
159	Black plastic sleeve	BL	BL	BL	BL	BL	BL	2021-07-15
160	Silver metal bracket with black coating	BL	BL	BL	BL	/	/	2021-07-15



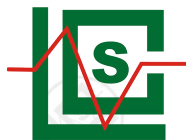
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 8 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^Ⅵ	Br ^Ⅶ		
						PBBs	PBDEs	
161	Silver metal spring	OL	OL	BL	X	/	/	2021-07-15
162	Silver metal steel sheet	BL	BL	BL	X	/	/	2021-07-15
163	Green plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
164	Yellow plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
167	Black plastic sleeve	BL	BL	BL	BL	X	X	2021-07-15
168	Blue plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15
169	Black fiber casing	BL	BL	BL	BL	BL	BL	2021-07-15
170	Silver metal with black coating	BL	BL	BL	BL	/	/	2021-07-15
171	Black plastic sleeve	BL	BL	BL	BL	BL	BL	2021-07-15
172	Silver metal spring	OL	BL	BL	BL	/	/	2021-07-15
173	Silver metal screw	BL	BL	BL	BL	/	/	2021-07-15
174	Gray soft plastic pad with orange coating/adhesive	BL	BL	BL	BL	BL	BL	2021-07-15
175	Silver metal bracket with black coating	OL	OL	BL	BL	/	/	2021-07-15
176	Black foam with viscose	BL	BL	BL	BL	BL	BL	2021-07-15
177	Silver metal fixture	BL	OL	BL	BL	/	/	2021-07-15
178	Silver metal with black coating	BL	BL	BL	BL	/	/	2021-07-15
179	White plastic film with viscose	BL	BL	BL	BL	BL	BL	2021-07-15
180	Black plastic sheet	BL	BL	BL	BL	BL	BL	2021-07-15
181	Silver metal steel ring	X	BL	BL	BL	/	/	2021-07-15
182	Silver metal screws	OL	BL	BL	BL	/	/	2021-07-15
183	Silver metal rod	BL	BL	BL	BL	/	/	2021-07-15
184	Silver metal tube with black/white coating	BL	BL	BL	BL	/	/	2021-07-15
185	Black plastic shell	BL	BL	BL	BL	BL	BL	2021-07-15
186	Black soft plastic pad	BL	BL	BL	BL	BL	BL	2021-07-15
187	White plastic pad	BL	BL	BL	BL	BL	BL	2021-07-15
188	Silver metal bracket	OL	OL	BL	X	/	/	2021-07-15



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 9 of 32

Seq. No.	Tested Part(s)	Results						Date of sample submission/resubmission
		Cd	Pb	Hg	Cr ^{VI}	Br ^{VI}		
						PBBs	PBDEs	
189	Transparent plastic lens	BL	BL	BL	BL	BL	BL	2021-07-15
190	Transparent plastic sheet	BL	BL	BL	BL	BL	BL	2021-07-15
191	Silver metal screw	BL	BL	BL	BL	/	/	2021-07-15
192	Silver metal nut	BL	BL	BL	X	/	/	2021-07-15
193	Yellow body (LED)	BL	BL	BL	BL	BL	BL	2021-07-15
195	Silver metal plate with white coating	BL	BL	BL	BL	/	/	2021-07-15
196	White plastic thread	BL	BL	BL	BL	BL	BL	2021-07-15

Note:

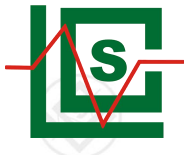
- Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ<X <130+3σ≤OL	BL≤70-3σ<X <130+3σ≤OL	BL≤50-3σ<X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ<X <1300+3σ≤OL	BL≤700-3σ<X <1300+3σ≤OL	BL≤500-3σ<X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ<X	BL≤700-3σ<X	BL≤500-3σ<X
Br	mg/kg	BL≤300-3σ<X	--	BL≤250-3σ<X

Note:

- BL = Below Limit
OL = Over Limit
X = Inconclusive

- The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.
- The maximum permissible limit is quoted from the document 2015/863/EC amending RoHS directive 2011/65/EU:
- ▼ =For restricted substances PBBs and PBDEs, the results show the total Br content; The restricted substance was Cr(VI), and the results showed the total Cr content



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

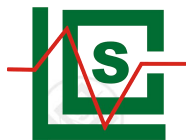
Page 10 of 32

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000
Dibutyl Phthalate(DBP)	1000
Butylbenzyl Phthalate(BBP)	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	1000
Diisobutyl phthalate(DIBP)	1000

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 11 of 32

B. EU RoHS Directive 2011/65/EU and its amendment Directives 2015/863/EU on Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs, DBP, BBP, DEHP, DIBP content.

Test method:

Lead(Pb) & Cadmium(Cd) Content:

With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Mercury(Hg) Content:

With reference to IEC 62321-4:2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Hexavalent Chromium(Cr(VI)) Content:

With reference to IEC 62321-7-1:2015 or IEC 62321-7-2:2017, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)

PBBs & PBDEs Content:

With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

BBP DBP DEHP & DIBP Content:

With reference to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

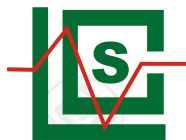
1) The test results of Lead (Pb) and Cadmium (Cd)

Item	Unit	MDL	Results				Limit
			(7)	(38)	(42)	(61)	
Lead Content (Pb)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			(78)	(81)	(93)	(104)	
Lead Content (Pb)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			(117)	(128)	(134)	(135)	
Lead Content (Pb)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			(137)	(138)	(140)	(142)	
Lead Content (Pb)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	1000



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 12 of 32

Item	Unit	MDL	Results				Limit
			(144)	(148)	(161)	(175)	
Lead Content (Pb)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results		Limit
			(177)	(188)	
Lead Content (Pb)	mg/kg	5	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			(7)	(29)	(42)	(81)	
Cadmium Content (Cd)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	100

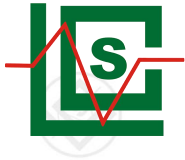
Item	Unit	MDL	Results				Limit
			(117)	(125)	(128)	(132)	
Cadmium Content (Cd)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	100

Item	Unit	MDL	Results				Limit
			(134)	(135)	(137)	(138)	
Cadmium Content (Cd)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	100

Item	Unit	MDL	Results				Limit
			(144)	(146)	(148)	(150)	
Cadmium Content (Cd)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	100

Item	Unit	MDL	Results				Limit
			(158)	(161)	(172)	(175)	
Cadmium Content (Cd)	mg/kg	5	N.D.	N.D.	N.D.	N.D.	100

Item	Unit	MDL	Results			Limit
			(181)	(182)	(188)	
Cadmium Content (Cd)	mg/kg	5	N.D.	N.D.	N.D.	100



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 13 of 32

2) The test results of Hexavalent Chromium (Cr(VI))(metal)

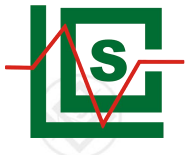
Item	Unit	MDL	Results					Limit
			(1)	(5)	(7)	(67)	(78)	
Hexavalent Chromium(Cr(VI))▼	ug/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Results					Limit
			(81)	(117)	(128)	(131)	(132)	
Hexavalent Chromium(Cr(VI))▼	ug/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Results					Limit
			(134)	(135)	(136)	(137)	(138)	
Hexavalent Chromium(Cr(VI))▼	ug/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Results					Limit
			(140)	(141)	(142)	(144)	(158)	
Hexavalent Chromium(Cr(VI))▼	ug/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	-

Item	Unit	MDL	Results				Limit
			(161)	(162)	(188)	(192)	
Hexavalent Chromium(Cr(VI))▼	ug/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	-



TEST REPORT

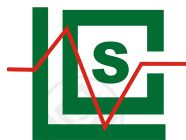
Report No.: LCS201229056AR

Date: 2021.07.27

Page 14 of 32

Note:

- MDL = Method Detection Limit
 - /= Not apply
 - LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 $\mu\text{g}/\text{cm}^2$
 - ▼ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 $\mu\text{g}/\text{cm}^2$. The sample coating is considered to contain Cr(VI)
b. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than 0.10 $\mu\text{g}/\text{cm}^2$). The sample coating is considered a non- Cr(VI) based coating
c. The result between 0.10 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$ is considered to be inconclusive, unavoidable coating variations may influence the determination
 - Information on storage conditions and production date of the tested samples is unavailable and thus Cr(VI) results represent status of the sample at the time of testing
 - mg/kg = ppm=parts per million
 - N.D.=Not Detected(<MDL or LOQ)
- #1 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted in glass of cathode ray tubes, electronic components and fluorescent tubes.
- #2 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted in electronic ceramic parts (e.g. piezoelectronic devices).
- #3 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.
- #4 According to RoHS directive 2011/65/EU and its amendments, Lead is exempted in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).
- #5 According to the statement provided by the customer, according to RoHS directive 2011/65/EU and its amendments, Lead is exempted as an alloying element in Aluminum containing up to 0.4% (4000ppm) by weight.
- #6 According to the statement provided by the customer, according to RoHS directive 2011/65/EU and its amendments, Cadmium and its compounds in electrical contact is exempted.
- #7 According to the statement provided by the customer, according to RoHS directive 2011/65/EU and its Amendments, Lead is exempted in steel for machining purposes and in galvanised steel containing up to 0.35% (3500ppm) by weight.



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

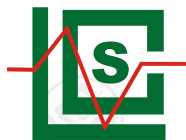
Page 15 of 32

3) The test results of DBP、BBP、DEHP & DIBP

Item	Unit	MDL	Results				Limit
			2	4	6	8	
Dibutyl Phthalate(DBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			10	15	18	21	
Dibutyl Phthalate(DBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results				Limit
			39	66	68	96	
Dibutyl Phthalate(DBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

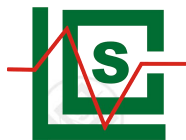
Page 16 of 32

Item	Unit	MDL	Results				Limit
			123	154	155	156	
Dibutyl Phthalate(DBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results		Limit
			174	196	
Dibutyl Phthalate(DBP)	mg/kg	100	N.D.	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	100	N.D.	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	100	N.D.	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	100	N.D.	N.D.	1000

Item	Unit	MDL	Results	Limit
			22+23+24+25+26+27	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			28+32+34+35+36+37	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

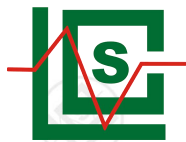
Page 17 of 32

Item	Unit	MDL	Results	Limit
			43+44+47+48+49+50	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			51+53+54+56+58+60	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			62+63+64+65+70+71	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			72+73+75+76+77+79	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

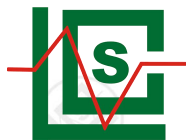
Page 18 of 32

Item	Unit	MDL	Results	Limit
			80+83+685+86+87+88	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			89+90+91+92+94+95	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			97+98+99+100+101+102	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			103+105+106+107+108+109	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

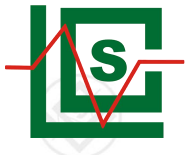
Page 19 of 32

Item	Unit	MDL	Results	Limit
			110+111+112+113+114+115	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			116+118+122+123+126+127	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			129+130+133+139+147+149	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			150+151+159+163+164+167	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000



TEST REPORT

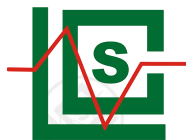
Report No.: LCS201229056AR

Date: 2021.07.27

Page 20 of 32

Item	Unit	MDL	Results	Limit
			168+169+171+174+176+179	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000

Item	Unit	MDL	Results	Limit
			180+185+187+189+190+193	
Dibutyl Phthalate(DBP)	mg/kg	600	N.D.	1000
Butylbenzyl Phthalate(BBP)	mg/kg	600	N.D.	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	600	N.D.	1000
Diisobutyl phthalate(DIBP)	mg/kg	600	N.D.	1000



TEST REPORT

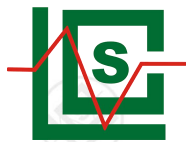
Report No.: LCS201229056AR

Date: 2021.07.27

Page 21 of 32

4) The test results of PBBs & PBDEs

Item	Unit	MDL	Results				Limit
			(15)	(18)	(53)	(83)	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)							
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000



TEST REPORT

Report No.: LCS201229056AR

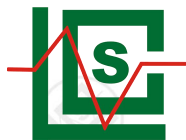
Date: 2021.07.27

Page 22 of 32

Item	Unit	MDL	Results				Limit
			(87)	(126)	(130)	(167)	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)							
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000

Remark:

- mg/kg = ppm
- N.D. = Not detected
- MDL=Method detected limited
- Flow chart appendix is included
- Photo appendix is included.



TEST REPORT

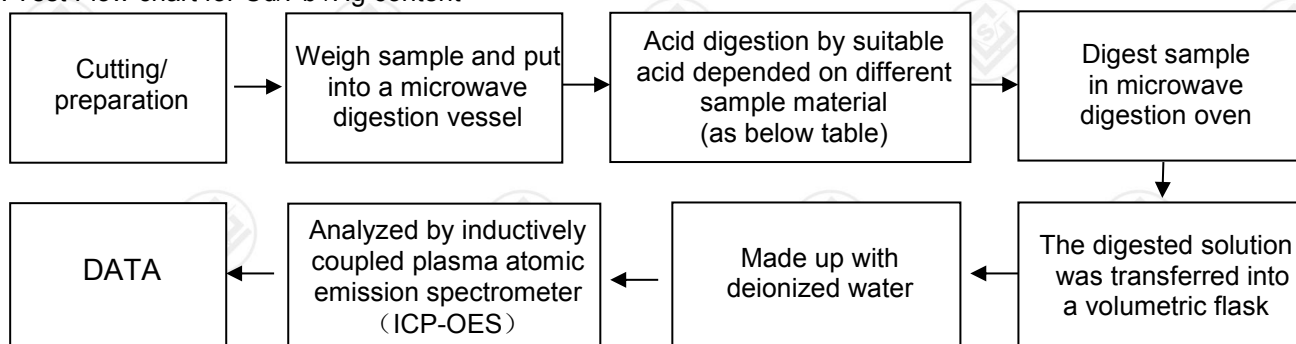
Report No.: LCS201229056AR

Date: 2021.07.27

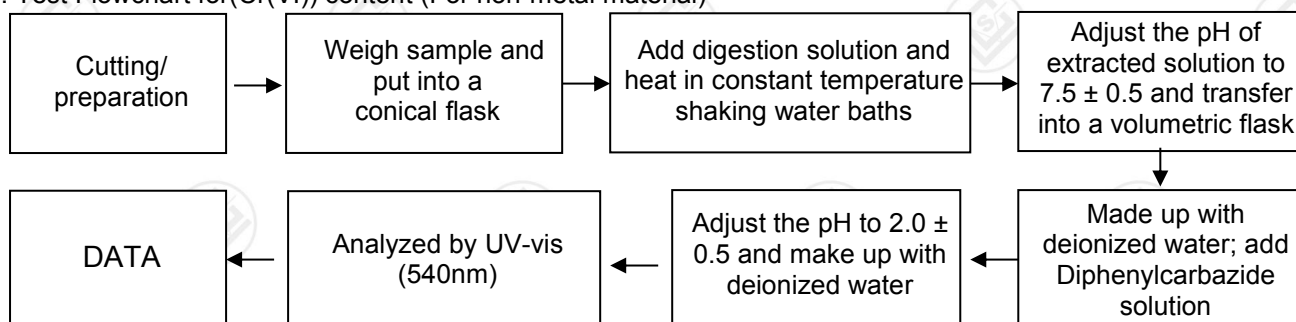
Page 23 of 32

Appendix

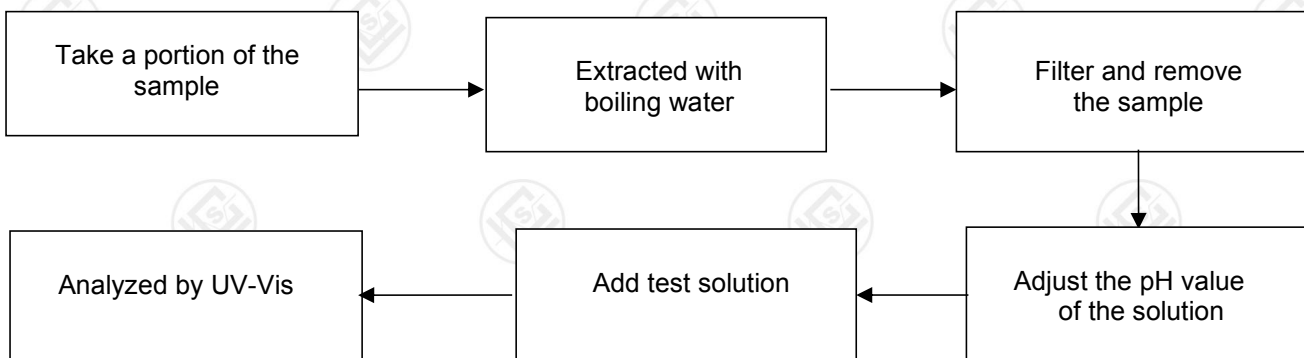
1. Test Flow chart for Cd/Pb /Hg content



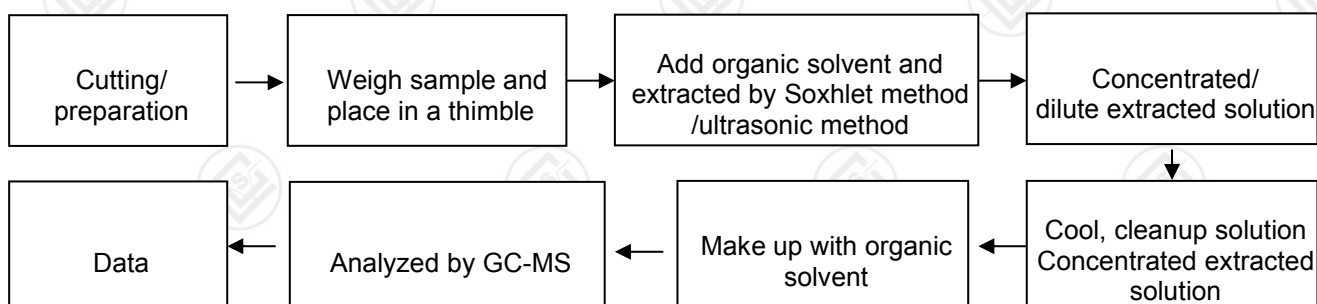
2. Test Flowchart for(Cr(VI)) content (For non-metal material)

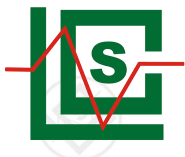


Test Flowchart for (Cr(VI)) content (For metal material)



3. Test Flow chart for PBBs & PBDEs & DBP & BBP & DEHP & DIBP content





TEST REPORT

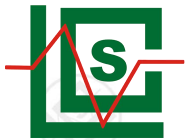
Report No.: LCS201229056AR

Date: 2021.07.27

Page 24 of 32

The photo of the sample



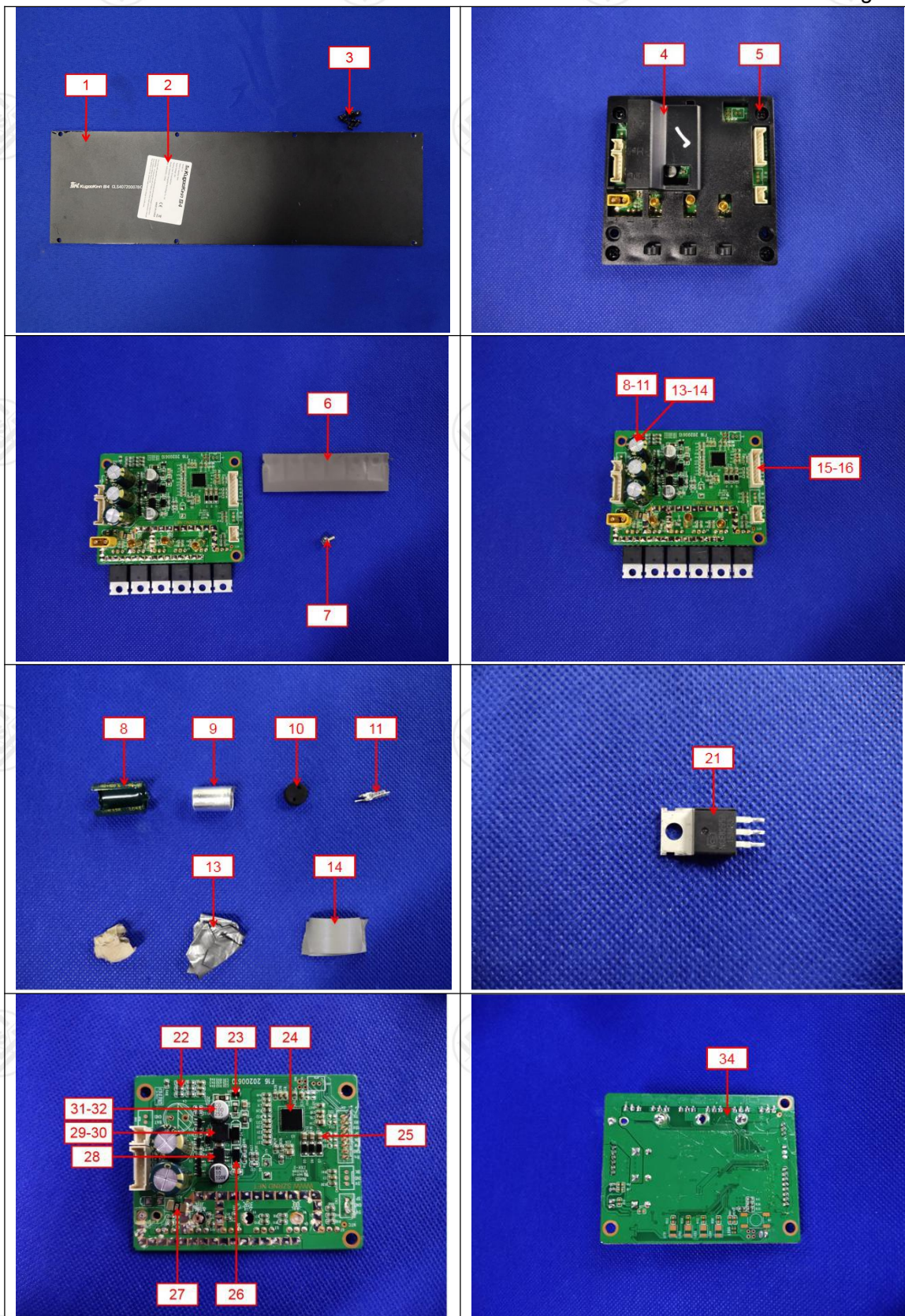


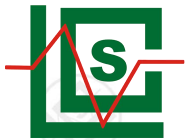
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 25 of 32



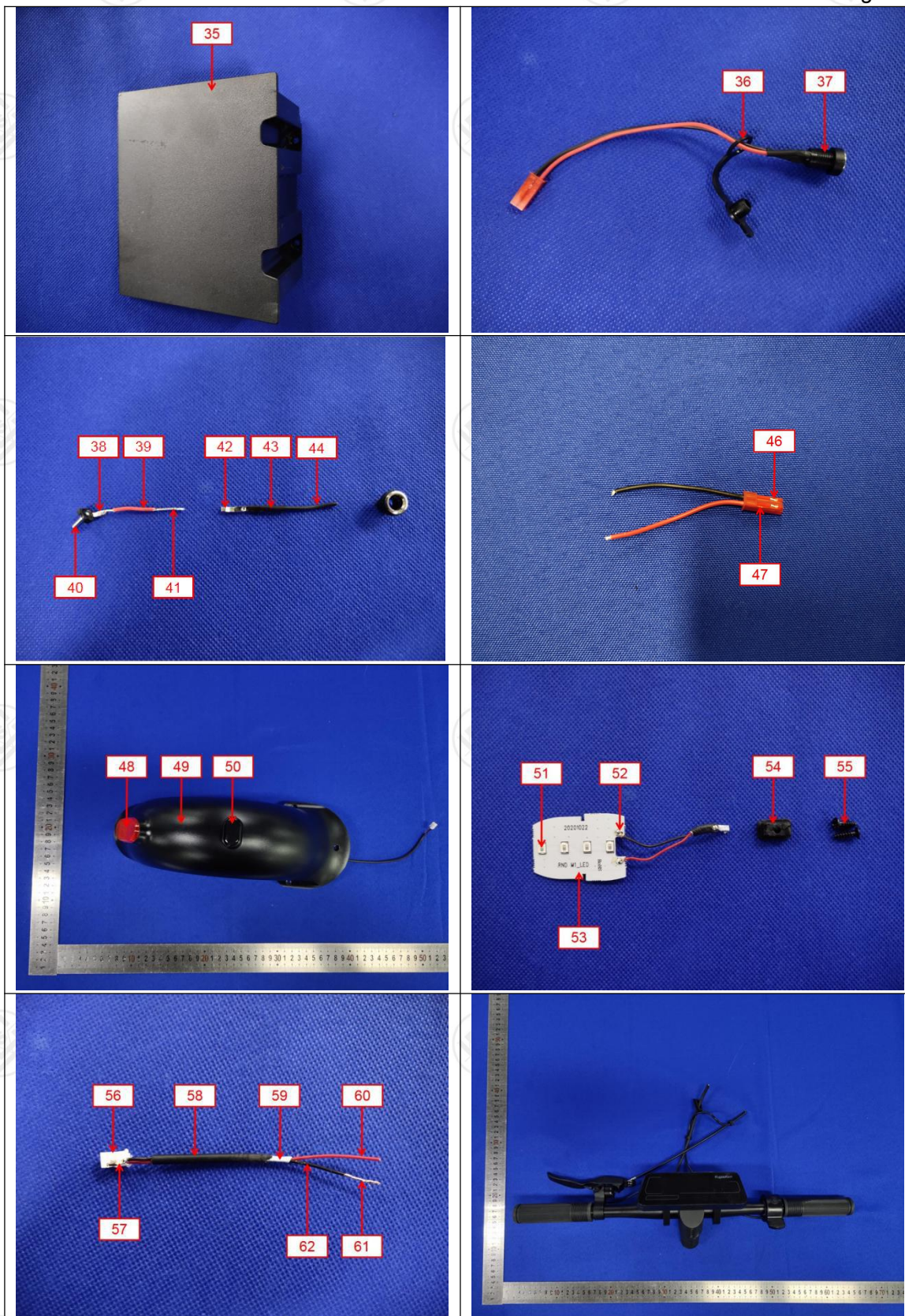


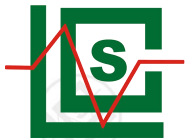
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 26 of 32





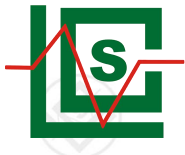
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 27 of 32



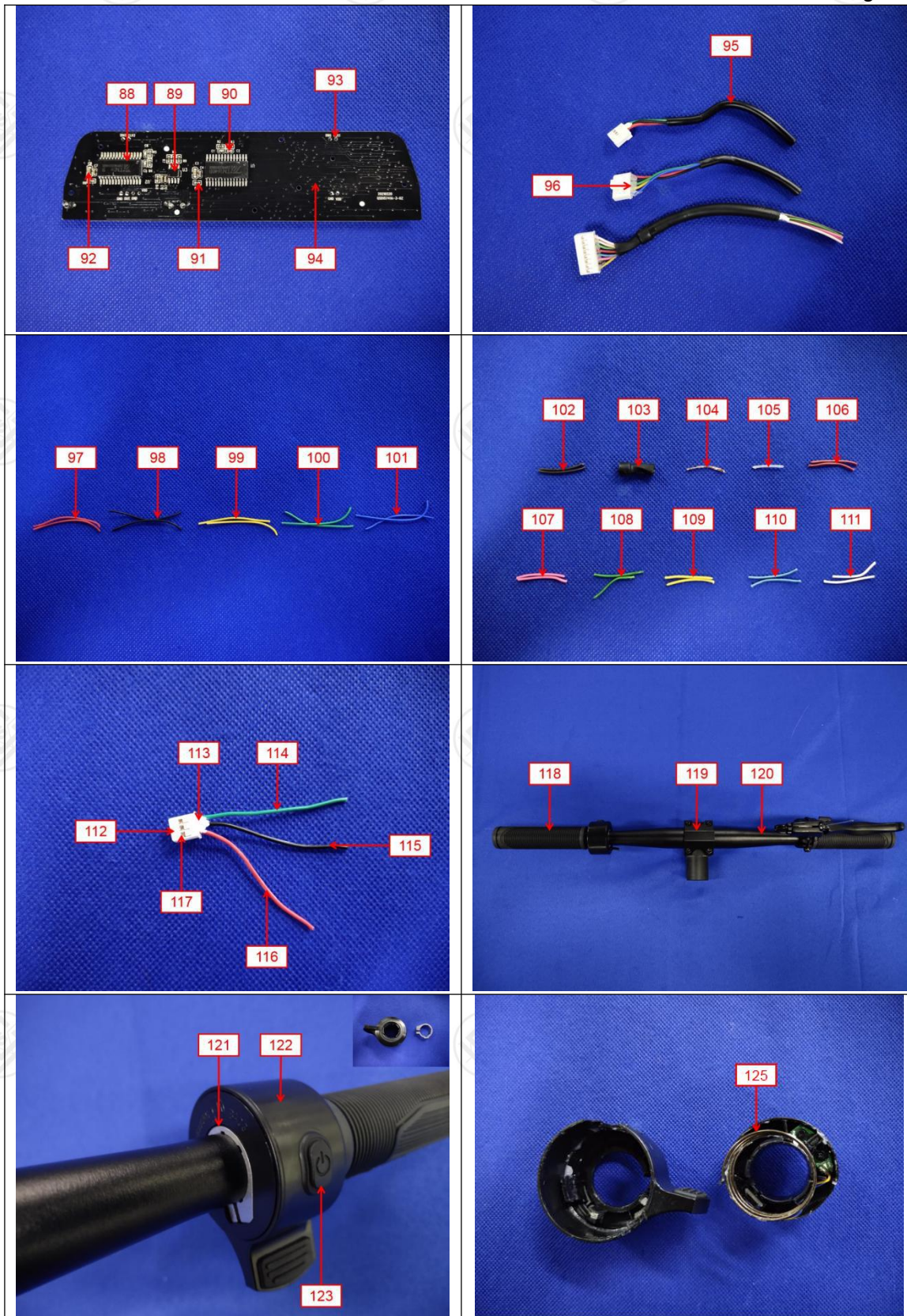


TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 28 of 32



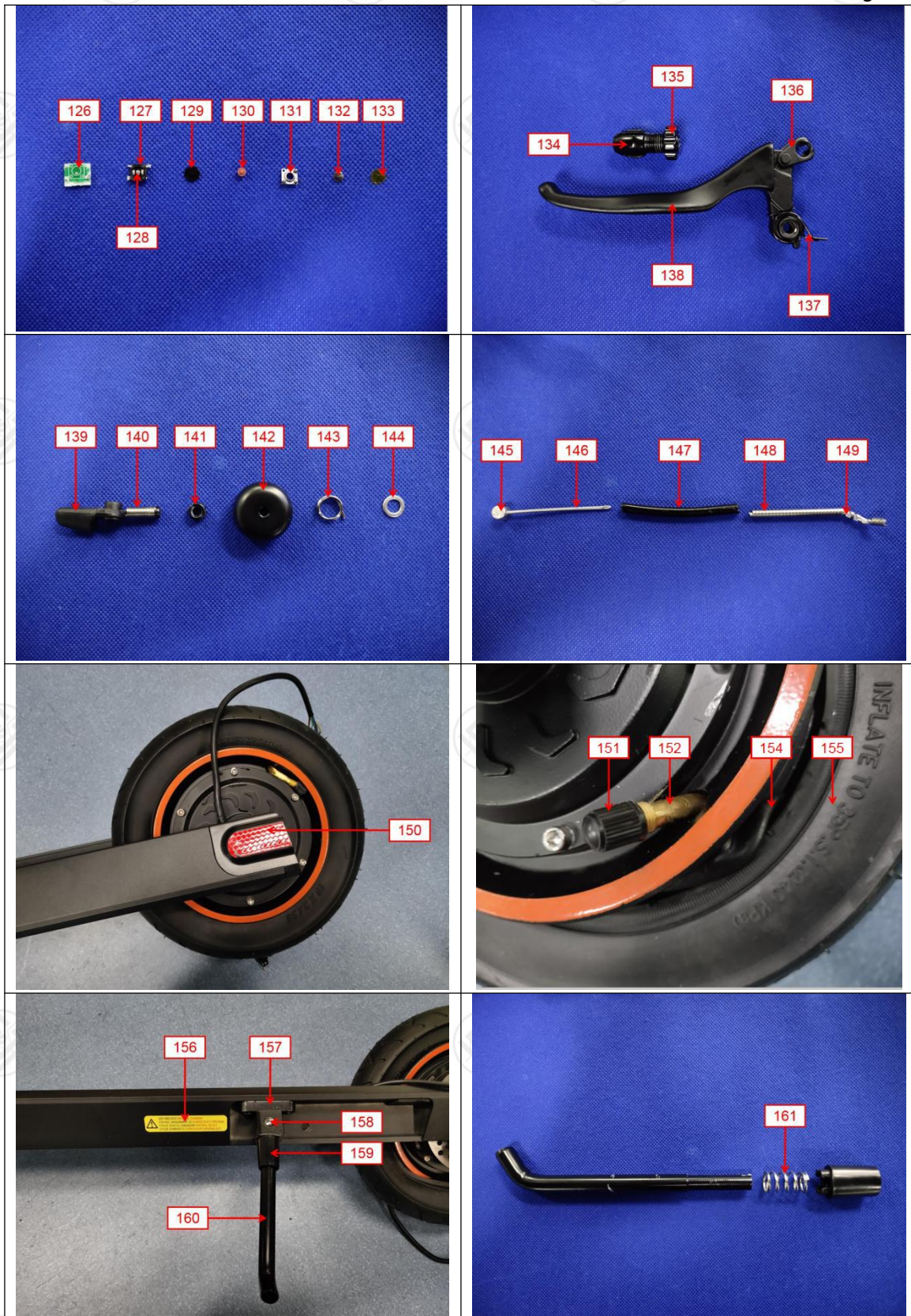


TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 29 of 32



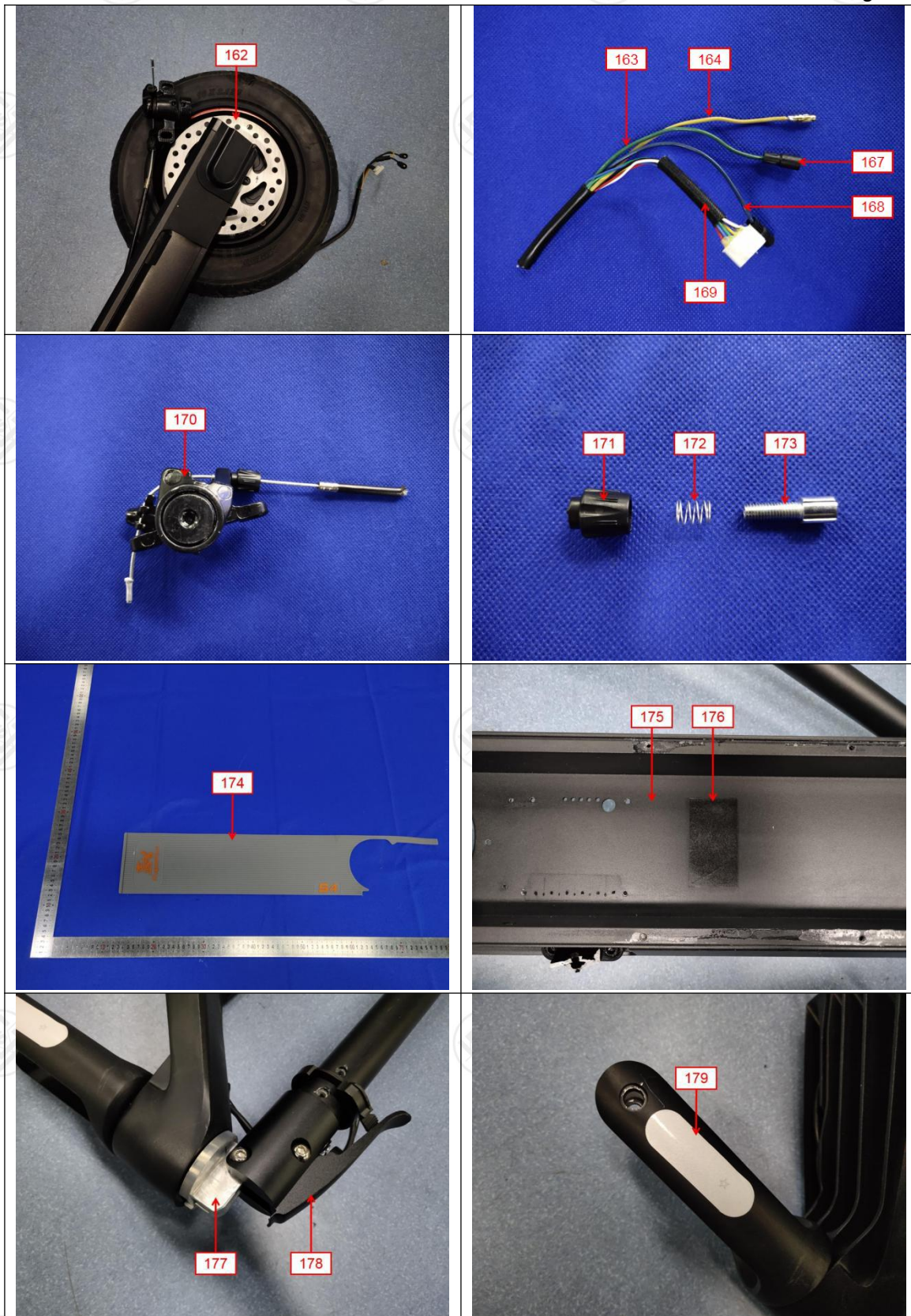


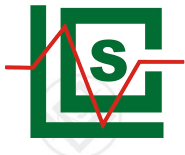
TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 30 of 32



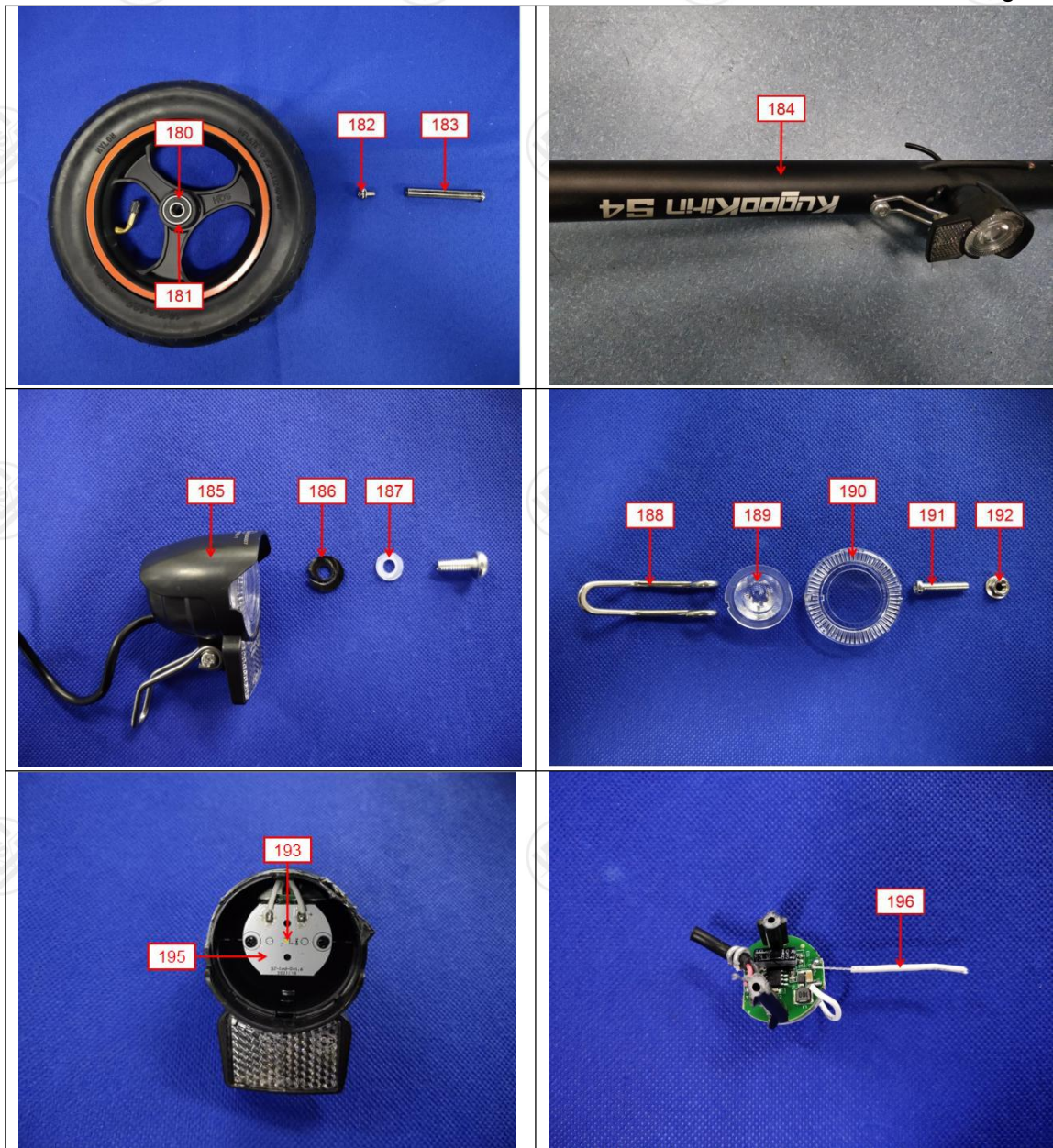


TEST REPORT

Report No.: LCS201229056AR

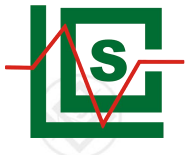
Date: 2021.07.27

Page 31 of 32



LCS authenticate the photo on original report only

***** End of Report *****



TEST REPORT

Report No.: LCS201229056AR

Date: 2021.07.27

Page 32 of 32

Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of LCS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which LCS hasn't verified.
5. In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.